



Application No. 09/823,649

Appendix C

(3 pages)



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Display

Range: from to Features: ☒ CDD

☐ 1: [AAR11876](#). Reports DNA polymerase I ...[gi:38146983]

[BLink](#), [Conserved Domains](#), [Links](#)

[Features](#) [Sequence](#)

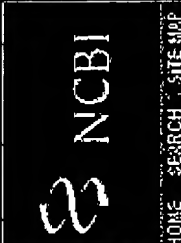
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 DBSOURCE accession [AY247645.1](#)
 KEYWORDS .
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 ORGANISM [Thermus filiformis](#)
 Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.
 REFERENCE 1 (residues 1 to 833)
 AUTHORS Shandilya,H., Griffiths,K., Flynn,E.K., Astatke,M., Shih,P.J., Lee,J.E., Gerard,G.F., Gibbs,M.D. and Bergquist,P.L.
 TITLE Thermophilic bacterial DNA polymerases with reverse-transcriptase activity
 JOURNAL Extremophiles 8 (3), 243-251 (2004)
 PUBMED [15197605](#)
 REFERENCE 2 (residues 1 to 833)
 AUTHORS Shandilya,H., Griffiths,K., Flynn,E.K., Astatke,M., Shih,P.-J., Gerard,G.F., Gibbs,M.D. and Bergquist,P.L.
 TITLE Direct Submission
 JOURNAL Submitted (03-MAR-2003) Dept. of Biological Sciences, Macquarie University, North Ryde, Sydney, NSW 2109, Australia
 COMMENT Method: conceptual translation supplied by author.
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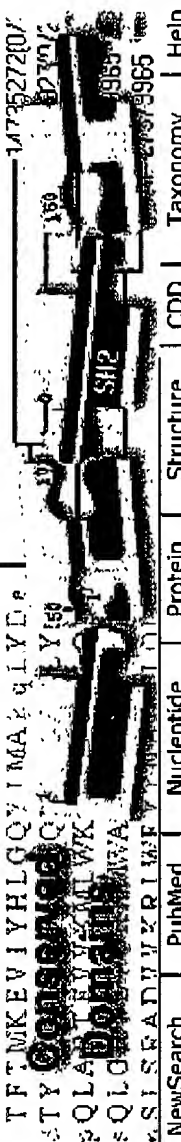
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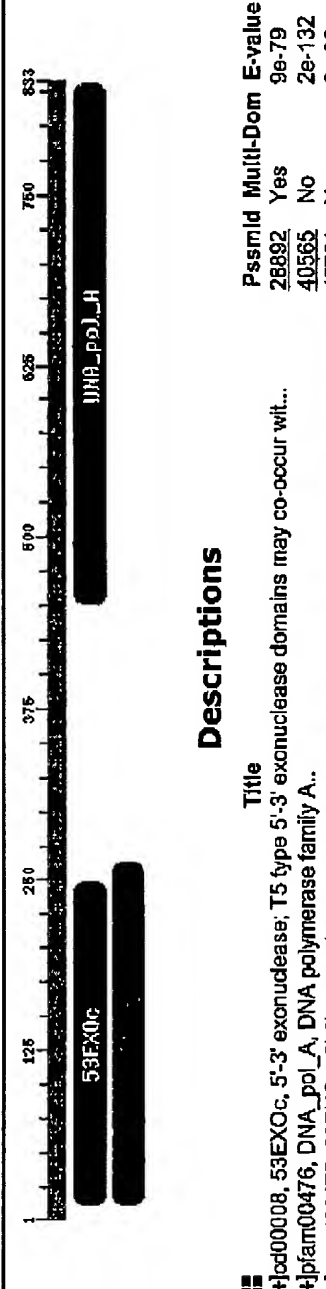


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Query sequence: [ql|38146983|gb|AAR11876.1|]

DNA polymerase I [Thermus filiformis]

☒ Concise Result ☐ Full Result ☐ Show Search Information ☒



53EXOc

100A-pol_H

Descriptions

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[+]pfam00476, DNA_pol_A, DNA polymerase family A...	40565	No	2e-132
[+]smart00475, 53EXOc, 5'-3' exonuclease...	47781	Yes	2e-92

CD Search Reference:

 Marchler-Bauer A, Bryant SH (2004), "CD-Search: protein domain annotations on the fly," Nucleic Acids Res.32(W)327-331.

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